



**PCN: V13-001-48475417-0A**

**Product Change Notice**

**Issue Date: 22 November 2013**

**Change Type:**

Avago Technologies has qualified alternate AS AllnGaP Orange, Reddish orange and Red color die for Subminiature Lamps.

**Parts Affected:**

|                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|
| HLMA-PF00-xxxxx | HLMA-PJ00-xxxxx | HLMA-QG00-xxxxx | HLMA-QL00-xxxxx |
| HLMA-PG00-xxxxx | HLMA-PL00-xxxxx | HLMA-QH00-xxxxx | QLMA-PH45-QR011 |
| HLMA-PH00-xxxxx | HLMA-QF00-xxxxx | HLMA-QJ00-xxxxx | QLMA-PH46-PRG11 |
| QLMA-PL40-QRR21 | QLMA-PL49       | QLMA-QL37-TV011 | QLMA-QL47#P03   |
| QLMA-PL41-PRK11 | QLMA-QH41-TV011 | QLMA-QL41-TVB11 | QLMJ-P015-QR011 |
| QLMT-PH49-ST014 |                 |                 |                 |

**Description and Extent of Change:**

The selected die shall be the alternate choice for the existing AS AllnGaP Orange, Reddish orange and Red color die for Subminiature Lamps. The new die will have the same functionality as the existing die.

**Reasons for Change:**

To ensure continuous supply of AS AllnGaP Orange, Reddish orange and Red color die for Subminiature Lamps.

**Effect of Change on Fit, Form, Function, Quality, or Reliability:**

There is no change in fit, form and function as per datasheet. Qualification and characterization have been conducted to ensure that the performance is comparable.

**Effective Date of Change:**

The shipment of this alternate dice source will begin from **22 February 2014** onwards.

**Qualification Data:**

Qualification test has been carried out and the approved test data will be available upon request.

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These changes have been reviewed and approved by Avago Technologies engineers and managers per Avago Technologies procedure: Change Control and Customer Notification, A-5962-6052-80.

Please contact your Avago Technologies field sales engineer or Contact Center (<http://www.avagotech.com/contact/>) for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.